

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/553,906
Source: PCT
Date Processed by STIC: 11/02/2005

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.2.2 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efc/efs/downloads/documents.htm>> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER:

10/553,906

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor **after** creating it. Please adjust your right margin to .3; this will prevent "wrapping."

- 2 Invalid Line Length The rules require that a line **not exceed** 72 characters in length. This includes white spaces.

- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.

- 4 Non-ASCII The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please **ensure your subsequent submission is saved in ASCII text**.

- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**

- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for **each** skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped

 Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.

- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If **intentional**, please insert the following lines for **each** skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000

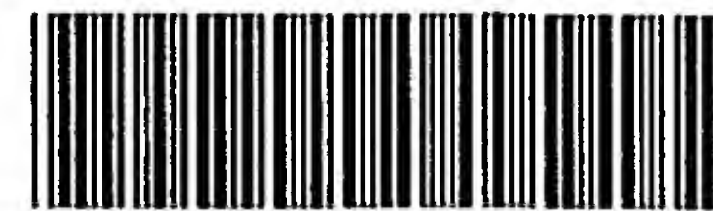
- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.
 In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.

- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only **valid** <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence

- 11 Use of <220> ~~Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses.~~
 ~~Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.~~
 ~~(See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)~~

- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

- 13 Misuse of n/Xaa "**n**" can **only** represent a single nucleotide; "**Xaa**" can **only** represent a single amino acid



PCT

RAW SEQUENCE LISTING

DATE: 11/02/2005

PATENT APPLICATION: US/10/553,906

TIME: 09:45:22

Input Set : A:\7175281710.txt

Output Set: N:\CRF4\11022005\J553906.raw

3 <110> APPLICANT: BERGMAN, Tomas
 4 DUAN, Rui-Dong
 5 NILSSON, Ake
 7 <120> TITLE OF INVENTION: Human Alkaline Sphingomyelinase and Use Thereof
 9 <130> FILE REFERENCE: 71752-81710

C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/553,906

C--> 12 <141> CURRENT FILING DATE: 2005-10-21

14 <160> NUMBER OF SEQ ID NOS: 18

16 <170> SOFTWARE: PatentIn version 3.2

18 <210> SEQ ID NO: 1

19 <211> LENGTH: 458

20 <212> TYPE: PRT

21 <213> ORGANISM: Unknown

23 <220> FEATURE:

24 <223> OTHER INFORMATION: Unknown

26 <400> SEQUENCE: 1

28 Met Arg Gly Pro Ala Val Leu Leu Thr Val Ala Leu Ala Thr Leu Leu

29 1 5 10 15

32 Ala Pro Gly Ala Gly Ala Pro Val Gln Ser Gln Gly Ser Gln Asn Lys

33 20 25 30

36 Leu Leu Leu Val Ser Phe Asp Gly Phe Arg Trp Asn Tyr Asp Gln Asp

37 35 40 45

40 Val Asp Thr Pro Asn Leu Asp Ala Met Ala Arg Asp Gly Val Lys Ala

41 50 55 60

44 Arg Tyr Met Thr Pro Ala Phe Val Thr Met Thr Ser Pro Cys His Phe

45 65 70 75 80

48 Thr Leu Val Thr Gly Lys Tyr Ile Glu Asn His Gly Val Val His Asn

49 85 90 95

52 Met Tyr Tyr Asn Thr Thr Ser Lys Val Lys Leu Pro Tyr His Ala Thr

53 100 105 110

56 Leu Gly Ile Gln Arg Trp Trp Asp Asn Gly Ser Val Pro Ile Trp Ile

57 115 120 125

60 Thr Ala Gln Arg Gln Gly Leu Arg Ala Gly Ser Phe Phe Tyr Pro Gly

61 130 135 140

64 Gly Asn Val Thr Tyr Gln Gly Val Ala Val Thr Arg Ser Arg Lys Glu

65 145 150 155 160

68 Gly Ile Ala His Asn Tyr Lys Asn Glu Thr Glu Trp Arg Ala Asn Ile

69 165 170 175

72 Asp Thr Val Met Ala Trp Phe Thr Glu Glu Asp Leu Asp Leu Val Thr

73 180 185 190

76 Leu Tyr Phe Gly Glu Pro Asp Ser Thr Gly His Arg Tyr Gly Pro Glu

77 195 200 205

80 Ser Pro Glu Arg Arg Glu Met Val Arg Gln Val Asp Arg Thr Val Gly

Does Not Comply
 Corrected Diskette Needed
 (pg 1,2,3,5)

Invalid Response
 PLS explain the source
 of Genetic Material. See Item
 # 11 on Error
 Summary
 Sheet.

RAW SEQUENCE LISTING

DATE: 11/02/2005

PATENT APPLICATION: US/10/553,906

TIME: 09:45:22

Input Set : A:\7175281710.txt

Output Set: N:\CRF4\11022005\J553906.raw

```

81      210      215      220
84 Tyr Leu Arg Glu Ser Ile Ala Arg Asn His Leu Thr Asp Arg Leu Asn
85 225      230      235      240
88 Leu Ile Ile Thr Ser Asp His Gly Met Thr Thr Val Asp Lys Arg Ala
89      245      250      255
92 Gly Asp Leu Val Glu Phe His Lys Phe Pro Asn Phe Thr Phe Arg Asp
93      260      265      270
96 Ile Glu Phe Glu Leu Leu Asp Tyr Gly Pro Asn Gly Met Leu Leu Pro
97      275      280      285
100 Lys Glu Gly Arg Leu Glu Lys Val Tyr Asp Ala Leu Lys Asp Ala His
101      290      295      300
104 Pro Lys Leu His Val Tyr Lys Lys Glu Ala Phe Pro Glu Ala Phe His
105 305      310      315      320
108 Tyr Ala Asn Asn Pro Arg Val Thr Pro Leu Leu Met Tyr Ser Asp Leu
109      325      330      335
112 Gly Tyr Val Ile His Gly Arg Ile Asn Val Gln Phe Asn Asn Gly Glu
113      340      345      350
116 His Gly Phe Asp Asn Lys Asp Met Asp Met Lys Thr Ile Phe Arg Ala
117      355      360      365
120 Val Gly Pro Ser Phe Arg Ala Gly Leu Glu Val Glu Pro Phe Glu Ser
121      370      375      380
124 Val His Val Tyr Glu Leu Met Cys Arg Leu Leu Gly Ile Val Pro Glu
125 385      390      395      400
128 Ala Asn Asp Gly His Leu Ala Thr Leu Leu Pro Met Leu His Thr Glu
129      405      410      415
132 Ser Ala Leu Pro Pro Asp Ala Leu Leu Val Ala Asp Gly Pro Cys Leu
133      420      425      430
136 Pro Ser Leu Ser Gln Ala Lys Gly Cys Met Pro Leu Ser Pro Ala Ala
137      435      440      445
140 Pro Thr Pro Ala Trp Leu Leu Trp Cys Trp
141      450      455

```

144 <210> SEQ ID NO: 2

145 <211> LENGTH: 1701

146 <212> TYPE: DNA

147 <213> ORGANISM: Unknown

149 <220> FEATURE:

150 <223> OTHER INFORMATION: Unknown

152 <400> SEQUENCE: 2

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153 gtccatctgg aaggcccagc atgagaggcc cggccgtcct cctcactgtg gctctggcca      60
155 cgctcctggc tcccggggcc ggagcaccgg tacaaagtca gggctcccag aacaagctgc      120
157 tcctggtgtc cttcgacggc ttccgctgga actacgacca ggacgtggac accccaacc      180
159 tggacgccat ggcccagac ggggtgaagg cacgctacat gacccccgcc tttgtcacca      240
161 tgaccagccc ctgccacttc accctgggtca ccggcaaata tatcgagaac cacgggggtg      300
163 ttcacaacat gtactacaac accaccagca aggtgaagct gccctaccac gccacgctgg      360
165 gcatccagag gtggtgggac aacggcagcg tgcccatctg gatcacagcc cagaggcagg      420
167 gcctgagggc tggtccttc ttctaccggt gcgggaacgt cacctaccaa ggggtggctg      480
169 tgacgcggag ccggaagaa ggcacgcac acaactacaa aaatgagacg gaggggagag      540
171 cgaacatcga cacagtgatg gcgtggttca cagaggagga cctggatctg gtcacactct      600
173 acttcgggga gccggactcc acggggccaca ggtacggccc cgagtccccg gagaggaggg      660

```

Same Error

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,906

DATE: 11/02/2005

TIME: 09:45:22

Input Set : A:\7175281710.txt

Output Set: N:\CRF4\11022005\J553906.raw

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175 agatggtgcg gcaggtggac cggaccgtgg gctacctccg ggagagcatc gcgcgcaacc 720
177 acctcacaga ccgcctcaac ctgatcatca catccgacca cggcatgacg accgtggaca 780
179 aacgggctgg cgacctggtt gaattccaca agttcccaaa cttcaccttc cgggacatcg 840
181 agtttgagct cctggactac ggaccaaacy ggatgctgct ccctaaagaa gggaggctgg 900
183 agaaggtgta cgatgccctc aaggacgccc accccaagct ccacgtctac aagaaggagg 960
185 cgttccccga ggccttccac tacgccaaca accccagggt cacaccctg ctgatgtaca 1020
187 gcgaccttgg ctacgtcatc catgggagaa ttaacgtcca gttcaacaat ggggagcacg 1080
189 gctttgacaa caaggacatg gacatgaaga ccatcttccg cgctgtgggc cctagcttca 1140
191 gggcgggcct ggaggtggag ccctttgaga gcgtccacgt gtacgagctc atgtgccggc 1200
193 tgctgggcat cgtgcccagag gccaacgatg ggcacctagc tactctgctg cccatgctgc 1260
195 acacagaatc tgctcttccg cctgatgctc tgctggtcgc ggacggaccc tgcctcccca 1320
197 gcttatccca ggccagaggc tgcatgccac tgtccccggc agcgccaacc cctgcttggc 1380
199 tgttatggtg ctggtaataa gcctgcagcc cagggtccaaa gccccggcg agccggtccc 1440
201 ataaccggcc ccctgcccct gccctgctc ctgctcctcc ccttcgggccc ccctcctcct 1500
203 gcaaaacccg ctcccgaagc ggcgctgccg tctgcagcca cgcgggggcg cgcgggagtc 1560
205 ttctgcgggc gctggaacct gcagaccggt cctcggtcag ctgggagggg cccgcccccg 1620
207 caciaagcac ccatgggaat aaaggccaag ccgcgacagt cagcaaaaaa aaaaaaaaaa 1680
209 aaaaaaaaaa aaaaaaaaaa a 1701

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212 <210> SEQ ID NO: 3

213 <211> LENGTH: 18

214 <212> TYPE: PRT

215 <213> ORGANISM: Unknown

217 <220> FEATURE:

218 <223> OTHER INFORMATION: Unknown

220 <400> SEQUENCE: 3

222 Ala Phe Val Thr Met Thr Ser Pro Cys His Phe Thr Leu Val Thr Gly

223 1 5 10 15

226 Lys Tyr

230 <210> SEQ ID NO: 4

231 <211> LENGTH: 458

232 <212> TYPE: PRT

233 <213> ORGANISM: Unknown

235 <220> FEATURE:

236 <223> OTHER INFORMATION: Unknown

238 <400> SEQUENCE: 4

240 Met Arg Gly Pro Ala Val Leu Leu Thr Val Ala Leu Ala Thr Leu Leu

241 1 5 10 15

244 Ala Pro Gly Ala Gly Ala Pro Val Gln Ser Gln Gly Ser Gln Asn Lys

245 20 25 30

248 Leu Leu Leu Val Ser Phe Asp Gly Phe Arg Trp Asn Tyr Asp Gln Asp

249 35 40 45

252 Val Asp Thr Pro Asn Leu Asp Ala Met Ala Arg Asp Gly Val Lys Ala

253 50 55 60

256 Arg Tyr Met Thr Pro Ala Phe Val Thr Met Thr Ser Pro Cys His Phe

257 65 70 75 80

260 Thr Leu Val Thr Gly Lys Tyr Ile Glu Asn His Gly Val Val His Asn

261 85 90 95

264 Met Tyr Tyr Asn Thr Thr Ser Lys Val Lys Leu Pro Tyr His Ala Thr

265 100 105 110

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,906

DATE: 11/02/2005

TIME: 09:45:22

Input Set : A:\7175281710.txt

Output Set: N:\CRF4\11022005\J553906.raw

```

268 Leu Gly Ile Gln Arg Trp Trp Asp Asn Gly Ser Val Pro Ile Trp Ile
269      115      120      125
272 Thr Ala Gln Arg Gln Gly Leu Arg Ala Gly Ser Phe Phe Tyr Pro Gly
273      130      135      140
276 Gly Asn Val Thr Tyr Gln Gly Val Ala Val Thr Arg Ser Arg Lys Glu
277 145      150      155      160
280 Gly Ile Ala His Asn Tyr Lys Asn Glu Thr Glu Trp Arg Ala Asn Ile
281      165      170      175
284 Asp Thr Val Met Ala Trp Phe Thr Glu Glu Asp Leu Asp Leu Val Thr
285      180      185      190
288 Leu Tyr Phe Gly Glu Pro Asp Ser Thr Gly His Arg Tyr Gly Pro Glu
289      195      200      205
292 Ser Pro Glu Arg Arg Glu Met Val Arg Gln Val Asp Arg Thr Val Gly
293      210      215      220
296 Tyr Leu Arg Glu Ser Ile Ala Arg Asn His Leu Thr Asp Arg Leu Asn
297 225      230      235      240
300 Leu Ile Ile Thr Ser Asp His Gly Met Thr Thr Val Asp Lys Arg Ala
301      245      250      255
304 Gly Asp Leu Val Glu Phe His Lys Phe Pro Asn Phe Thr Phe Arg Asp
305      260      265      270
308 Ile Glu Phe Glu Leu Leu Asp Tyr Gly Pro Asn Gly Met Leu Leu Pro
309      275      280      285
312 Lys Glu Gly Arg Leu Glu Lys Val Tyr Asp Ala Leu Lys Asp Ala His
313      290      295      300
316 Pro Lys Leu His Val Tyr Lys Lys Glu Ala Phe Pro Glu Ala Phe His
317 305      310      315      320
320 Tyr Ala Asn Asn Pro Arg Val Thr Pro Leu Leu Met Tyr Ser Asp Leu
321      325      330      335
324 Gly Tyr Val Ile His Gly Arg Ile Asn Val Gln Phe Asn Asn Gly Glu
325      340      345      350
328 His Gly Phe Asp Asn Lys Asp Met Asp Met Lys Thr Ile Phe Arg Ala
329      355      360      365
332 Val Gly Pro Ser Phe Arg Ala Gly Leu Glu Val Glu Pro Phe Glu Ser
333      370      375      380
336 Val His Val Tyr Glu Leu Met Cys Arg Leu Leu Gly Ile Val Pro Glu
337 385      390      395      400
340 Ala Asn Asp Gly His Leu Ala Thr Leu Leu Pro Met Leu His Thr Glu
341      405      410      415
344 Ser Ala Leu Pro Pro Asp Gly Arg Pro Thr Leu Leu Pro Lys Gly Arg
345      420      425      430
348 Ser Ala Leu Pro Pro Ser Ser Arg Pro Leu Leu Val Met Gly Leu Leu
349      435      440      445
352 Gly Thr Val Ile Leu Leu Ser Glu Val Ala
353      450      455
356 <210> SEQ ID NO: 5
357 <211> LENGTH: 1878
358 <212> TYPE: DNA
359 <213> ORGANISM: Unknown
361 <220> FEATURE:

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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/553,906

DATE: 11/02/2005
TIME: 09:45:22

Input Set : A:\7175281710.txt

Output Set: N:\CRF4\11022005\J553906.raw

362 <223> OTHER INFORMATION: Unknown
365 <220> FEATURE:
366 <221> NAME/KEY: misc_feature
367 <222> LOCATION: (905)..(905)
368 <223> OTHER INFORMATION: n is a, c, g, or t
370 <400> SEQUENCE: 5

371	gtccatctgg	aaggcccagc	atgagaggcc	cggccgtcct	cctcactgtg	gctctggcca	60
373	cgctcctggc	tcccggggcc	ggagcaccgg	tacaaagtca	gggctcccag	aacaagctgc	120
375	tcctggtgtc	cttcgacggc	ttccgctgga	actacgacca	ggacgtggac	acccccaacc	180
377	tggacgccat	ggcccagagc	ggggtgaagg	cacgctacat	gacccccgcc	tttgtcacca	240
379	tgaccagccc	ctgccacttc	accctggtca	ccggcaaata	tatcgagaac	cacgggggtg	300
381	ttcacaacat	gtactacaac	accaccagca	aggtgaagct	gccctaccac	gccacgctgg	360
383	gcatccagag	gtggtgggac	aacggcagcg	tgcccatctg	gatcacagcc	cagaggcagg	420
385	gcctgagggc	tggctccttc	ttctaccctg	gcgggaacgt	cacctaccaa	ggggtggctg	480
387	tgacgcggag	ccggaaagaa	ggcatcgcac	acaactacaa	aaatgagacg	gagtggagag	540
389	cgaacatcga	cacagtgatg	gcgtggttca	cagaggagga	cctggatctg	gtcacactct	600
391	acttcgggga	gccggactcc	acggggccaca	ggtacggccc	cgagtccccc	gagaggaggg	660
393	agatggtgcg	gcaggtggac	cggaccgtgg	gctacctccg	ggagagcatc	gcgcgcaacc	720
395	acctcacaga	ccgcctcaac	ctgatcatca	catccgacca	cggcatgacg	accgtggaca	780
397	aacgggctgg	cgacctggtt	gaattccaca	agttcccaa	cttcaccttc	cgggacatcg	840
399	agtttgagct	cctggactac	ggaccaaacg	ggatgctgct	ccctaaagaa	gggaggctgg	900
W--> 401	agaangtgta	cgatgccctc	aaggacgccc	accccaagct	ccacgtctac	aagaaggagg	960
403	cgttccccga	ggccttccac	tacgccaaca	accccagggt	cacacccttg	ctgatgtaca	1020
405	gcgaccttgg	ctacgtcatc	catgggagaa	ttaacgtcca	gttcaacaat	ggggagcacg	1080
407	gctttgacaa	caaggacatg	gacatgaaga	ccatcttccg	cgctgtgggc	cctagcttca	1140
409	gggcgggcct	ggaggtggag	ccctttgaga	gcgtccacgt	gtacgagctc	atgtgccggc	1200
411	tgctgggcat	cgtgcccgag	gccaacgatg	ggcacctagc	tactctgctg	cccatgctgc	1260
413	acacagaatc	tgtcttccg	cctgatggaa	ggcctactct	cctgcccagg	ggaagatctg	1320
415	ctctcccgcc	cagcagcagg	cccctcctcg	tgatgggact	gctggggacc	gtgattcttc	1380
417	tgtctgaggt	cgcataacgc	cccatggctc	aaggaagccg	ccgggagctg	cccgcaggcc	1440
419	ctgggcccgc	tgtctcgctg	cgatgctctg	ctggtcgcgg	acggaccctg	cctccccagc	1500
421	ttatcccagg	ccagaggctg	catgccactg	tccccggcag	cgccaacccc	tgcttggtg	1560
423	ttatggtgct	ggttaataagc	ctcgcagccc	aggtccagag	cccccggcga	gccggtccca	1620
425	taaccggccc	cctgcccctg	cccctgctcc	tgtctctccc	cttcggggccc	cctcctcctg	1680
427	caaaacccgc	tcccgaagcg	gcgctgccgt	ctgcagccac	gcggggggcg	gcgggagctc	1740
429	tgcgggcgct	ggaacctgca	gacccggcct	cggtcagctg	ggagggggccc	gccccggcac	1800
431	aaagcaccca	tgggaataaa	ggccaagccg	cgacagtcag	caaaaaaaaa	aaaaaaaaaa	1860
433	aaaaaaaaaa	aaaaaaaaaa					1878

*Some error
pls explain the
source.*

436 <210> SEQ ID NO: 6
437 <211> LENGTH: 415
438 <212> TYPE: PRT
439 <213> ORGANISM: Unknown
441 <220> FEATURE:
442 <223> OTHER INFORMATION: Unknown

444 <400> SEQUENCE: 6

446	Met	Arg	Gly	Pro	Ala	Val	Leu	Leu	Thr	Val	Ala	Leu	Ala	Thr	Leu	Leu
447	1				5					10					15	
450	Ala	Pro	Gly	Ala	Gly	Ala	Pro	Val	Gln	Ser	Gln	Gly	Ser	Gln	Asn	Lys
451				20					25					30		

Same

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/553,906

DATE: 11/02/2005
TIME: 09:45:23

Input Set : A:\7175281710.txt
Output Set: N:\CRF4\11022005\J553906.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; N Pos. 905

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/553,906

DATE: 11/02/2005

TIME: 09:45:23

Input Set : A:\7175281710.txt

Output Set: N:\CRF4\11022005\J553906.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:900